ABSTRACT

METHOD AND DEVICE FOR MEASURING SIMILARITY BETWEEN
IMAGES

The method is characterized in that it performs, for
each of image, the following steps:
- segmentation of the image (1, 2, 3, 4),
- classification of the segments as a function of
their orientation to give classes (5),
- calculation of a histogram of the number of
segments as a function of class (6),
- calculation of a histogram of the number of
pixels belonging to the segments of one and the same
class as a function of class (6),
- comparison of the histograms of each image to
give a measurement of similarity (7).

Applications relate to the clustering of images, the
construction of video summaries or video indexation.

Fig. 1